

Order No.  
CH 21201

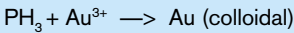
# Phosphine 50/a

**Standard Measuring Range** : 50 to 1,000 ppm  
**Number of Strokes (n)** : 3  
**Time for Measurement** : app. 2 min  
**Standard Deviation** :  $\pm 10$  to 15 %  
**Colour Change** : yellow  $\rightarrow$  brown black

## Ambient Operating Conditions

**Temperature** : 0 to 50 °C  
**Absolute Humidity** : < 40 mg H<sub>2</sub>O / L

## Reaction Principle



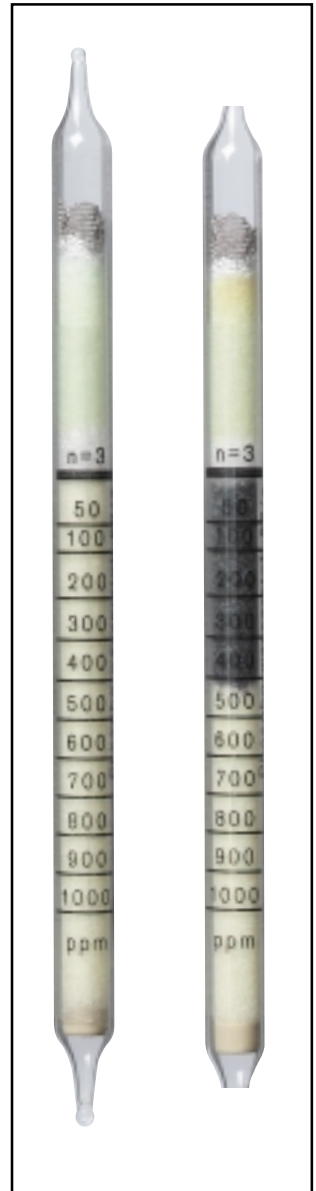
## Cross Sensitivity

Arsine and antimony hydride are indicated, but with different sensitivities.

Hydrogen sulphide, mercaptans, ammonia, carbon monoxide, sulphur dioxide and hydrochloric acid in the TLV range do not interfere.

## Extension of the Measuring Range

Using n=10, multiply the reading by 0.3; the range of measurement is 15 to 300 ppm.



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